

Advance Placement Course Descriptions

AP Studio Art: 2-D Design, 3-D Design, and Drawing – Take your artistic creativity to a higher level, and learn how to produce your own professional Design Portfolio of college-level works—three-dimensional designs, or two-dimensional visual drawings, photographs, or digital designs!

AP English Language and Composition – Become an accomplished expository writer by learning the skills for both rhetorical analysis of nonfiction texts and well-reasoned, evidence-centered analytical and argumentative writing!

AP English Literature and Composition – Learn how to read, analyze, and write like an expert about imaginative literature (fiction, poetry, drama) from various periods in history, and deepen your understanding of the ways writers use language to provide both meaning and pleasure for their readers!

AP European History – Learn the skills, practices, and methods used by professional historians to investigate important events, individuals, developments, and processes in four historical periods in European history from 1450 to the present!

AP United States Government and Politics – Learn how the U.S. political system works within the frame of the U.S. Constitution, and become informed on how to preserve, protect, and defend the rights and liberties at the core of our nation’s charter!

AP United States History – Learn the skills, practices, and methods used by professional historians to investigate important events, individuals, developments, and processes in nine historical periods from 1491 to the present, including the ever-changing history of our American identity!

AP Macroeconomics – Learn how an economic system functions on a national level, and understand the business cycle, the tools of supply and demand, the financial sector, stabilization policies, economic growth, and international economics!

AP Psychology – Learn the skills, practices, and methods used by professional psychologists to study the behavior and mental processes of human beings and other animals, including the procedures and ethics used in this science!

AP Biology – Expand your scientific knowledge and learn the skills, practices, and methods used by professional biologists to establish lines of evidence, and use them to develop and refine testable explanations and predictions of natural phenomena!

AP Calculus AB – Learn the skills, practices, and methods used by professional mathematicians to strategically justify, reason, and model with limits, derivatives, integrals, and the Fundamental Theorem of Calculus!

AP Calculus BC – Expand your knowledge of calculus by exploring limits, derivatives, integrals, and the Fundamental Theorem of Calculus on a variety of higher levels, along with the study of series of numbers, power series, and the various methods of determining convergence or divergence of a series!

AP Chemistry – Expand your scientific knowledge and learn the skills, practices, and methods used by professional chemists to design plans for collecting data, to analyze data, and to explore the core scientific principles, theories, and processes governing chemical systems!

AP Computer Science A – Learn the computer science fundamentals of problem solving, designing strategies and methodologies, organizing data, processing data (algorithms), analyzing potential solutions, and other computer skills that address real-world problems! (Coding Language is JAVA)

AP Environmental Science – Expand your scientific knowledge and learn the skills, practices, and methods used by professional environmental scientists to identify and analyze environmental problems, to evaluate the risks associated with these issues, and to develop alternative solutions for resolving or preventing them!

AP Physics 1 – Expand your knowledge of physics by exploring and investigating kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC currents, and mechanical waves and sound!

AP Statistics – Learn the statistical fundamentals of exploring data, using tools for collecting data samples, analyzing and drawing conclusions from data, exploring random phenomena using probability and simulation, and applying statistical inference!

AP Spanish Language and Culture – Expand your knowledge of Spanish language and culture by exploring cultural products, practices, and perspectives while increasing your proficiency in reading, writing, and speaking Spanish!

AP Spanish Literature and Culture – Expand your knowledge of Spanish literature and culture by exploring rich and diverse texts from Spain, Latin America, and U.S. Hispanic literature, while increasing your Spanish language proficiency in reading, writing, and speaking.